| Index of Claims | Application No. |
|-----------------|-----------------|
|                 | 10/608,431      |
|                 | Examiner        |
|                 | Philip H Leung  |

| Application No. | Applicant(s)         |
|-----------------|----------------------|
| 10/608,431      | NAKATOMI, YOSHITSUGU |
| Examiner        | Art Unit             |
| Philip H Leung  | 3742                 |

| •  | Rejected | _ | (Through numeral)<br>Cancelled |
|----|----------|---|--------------------------------|
| 11 | Allowed  | + | Restricted                     |

| <br>N | Non-Elected  | 4 |
|-------|--------------|---|
| _     | Interference | C |

| A | Appeal   |
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| Cla      | aim           |          |            |   | [        | Date  | Э               |                 |          |          |           | Cla                    | im           |                 |                 |          | Da      | te       |  |                |        |  | Claim      |   |                       |              | Date      | 8  |                     |          |          |
|----------|---------------|----------|------------|---|----------|---|-----------------|-----------------|----------|----------|-----------|------------------------|--------------|-----------------|-----------------|----------|---------|----------|--|----------------|--------|--|------------|---|-----------------------|--------------|-----------|--|---------------------|----------|----------|
| l _      | <del>-</del>  | ۱_       |            |   |          |   |                 |                 |          |          |           |                        | <del>a</del> |                 |                 |          |         |          |  |                |        | ł  | <u></u>    |   |                       |              |           |  |                     |          |          |
| Final    | Original      | 9/3/04   |            |   |          |   |                 |                 |          |          |           | Final                  | Original     |                 |                 |          |         |          |  |                |        | Final  | Original   |   |                       |              |           |  |                     |          |          |
| ļ i      | 5             | 8        |            |   |          |   |                 |                 |          |          |           | ፲፫                     | Ö            |                 |                 |          |         |          |  | ı              |        | iI   | ĺŠ         | 1   |                       |              |           |  |                     |          |          |
|          |               |          |            |   |          |   |                 | Ш               | _        |          |           |                        |              | Ш               | _               | _        |         |          | $\perp$  |                | _ :::: |  |            | _   | $\vdash$              | 4            | _         | _  | Щ                   | _        | 4        |
|          | Q             | 4        | _          |   | _        |   | Н               | Н               | _        |          |           |                        | 51           | Ш               | _               | -        | - -     |          | <del>                                     </del> |                | -      | <u> —                                   </u> | 101        | ╄   | $\vdash\vdash$        | -            | ╄-        | _  | $\dashv$            |          | 4        |
|          | 2             |          | $\vdash$   |   |          |   | Н               | $\vdash$        | $\dashv$ |          |           |                        | 52           |                 | $\dashv$        | +        | +       | +        | $\vdash$   | -              |        | ⊢  | 102        |   |                       | +            |           |  |                     | +        | 4        |
| <u></u>  | 3<br><b>4</b> |          | -          |   | -        |   | Н               | $\vdash$        |          | ᅱ        |           |                        | 53<br>54     | Н               |                 | -        |         | +-       | <del>                                     </del> |                | -      | ┝  | 103        | +   | $\vdash$              | +            | ╁         |  | -                   | -        | 4        |
|          | 5             | 7        | $\vdash$   |   | _        |   | Н               | Н               | $\dashv$ | $\dashv$ |           |                        | 55           | Н               | $\dashv$        | $\dashv$ | +       | +        | <del>                                     </del> | +              | - :::  | ⊢  | 105        | +   | $\vdash$              | +            | ╁╌        | -  |                     |          | $\dashv$ |
|          | 6             | v        |            |   | _        |   | H               | $\vdash$        | $\dashv$ | $\dashv$ |           |                        | 56           | Н               | -               | +        | +       | +        | +  | $\dashv$       | -      | $\vdash$                                     | 106        |   | $\vdash$              | +            | $\vdash$  | $\vdash$   | $\vdash$            | +        | $\dashv$ |
| -        | 7             | J        |            |   |          |   | $\vdash$        |                 | $\dashv$ | ᅥ        |           |                        | 57           | Н               | $\dashv$        |          | +-      | +-       | ╁─┤  | -+             | -      | -  | 107        | +   | $\vdash$              | +            | $\vdash$  | $\vdash$   | $\dashv$            | $\dashv$ | $\dashv$ |
|          | 8             | v        |            |   |          |   | Н               |                 | $\neg$   | $\dashv$ |           |                        | 58           |                 | $\dashv$        | 十        |         | +        |  | _              | 7::::  | -  | 108        | t   |                       | +            | t         |  |                     | _        | ヿ        |
|          | 9             | -        | -          | • |          |   |                 | H               | $\dashv$ | $\neg$   |           |                        | 59           | П               | $\neg$          | 十        | _       | +-       | $\Box$   | $\neg$         | ١      |  | 109        |   |                       | T            | T         |  | Ħ                   | $\dashv$ | $\neg$   |
|          | 10            |          | <u> </u>   |   |          |   | H               | Ħ               | 寸        | _        |           |                        | 60           | Ħ               |                 | $\top$   | 1       | 1        | T  | 一              | 7::::  | $\vdash$                                     | 110        | 1   |                       | $\top$       | T         |  |                     | $\neg$   | ┪        |
|          | 11            | $\vdash$ | $\vdash$   |   |          |   |                 |                 | T        | $\neg$   |           |                        | 61           | <u> </u>        |                 | $\dashv$ | ┪       |          | M  | ┪              |        | $\vdash$                                     | 111        |   |                       | $\top$       | T         |  | T                   | T        | ╗        |
|          | 12            | T        | Г          |   |          | П   | П               | П               | $\neg$   | $\neg$   |           |                        | 62           |                 | $\Box$          | $\neg$   |         | 1        | $\sqcap$   | $\neg$         |        | $\Box$                                       | 112        | Π   | $\sqcap$              | T            | İ         |  | $\sqcap$            | T        | ╗        |
|          | 13            |          | Г          |   |          |   |                 |                 |          |          |           |                        | 63           |                 |                 |          |         | Ι        | П  |                |        |  | 113        |   |                       |              |           |  |                     |          |          |
|          | 14            |          |            |   |          |   |                 |                 |          |          |           |                        | 64           |                 |                 |          |         | L        |  |                |        |  | 114        |   |                       | I            | L         |  |                     |          |          |
|          | 15            |          |            |   |          |   |                 |                 |          |          |           |                        | 65           |                 |                 |          |         |          |  |                |        |  | 115        |   |                       |              |           |  |                     | $\Box$   |          |
|          | 16            |          |            |   |          |   |                 |                 |          |          |           |                        | 66           |                 |                 |          |         |          |  |                | ]      |  | 116        |   |                       |              |           |  |                     |          |          |
|          | 17            |          |            |   |          |   |                 |                 |          |          |           |                        | 67           |                 |                 |          | Ţ       | L        | $\coprod$  |                | _ :::: | <u></u>                                      | 117        | $oxedsymbol{oxedsymbol{oxedsymbol{eta}}}$ |                       | Ļ            | Ļ         |  |                     | $\perp$  | ╝        |
|          | 18            |          |            |   |          | <u> </u>  |                 |                 |          |          |           |                        | 68           |                 |                 |          |         | $\perp$  | 1  |                | _      | <u></u>                                      | 118        |   |                       |              |           |  |                     | _        |          |
| <u></u>  | 19            | <u> </u> |            |   |          |   |                 |                 | _        |          |           |                        | 69           |                 |                 | $\perp$  | _       | _        | 1_   |                | _ :::: |  | 119        | 丄   | $oxed{oxed}$          | $\bot$       | ļ         | L_   | Щ                   | $\perp$  | _        |
| <u></u>  | 20            | <u></u>  | _          |   |          |   |                 |                 | _        |          |           |                        | 70           |                 |                 | _        |         | 1        | 1_1  |                | _ :::: | <u></u>                                      | 120        | 丄   | $oxed{oxed}$          | $\perp$      | ļ         |  |                     | _        | _        |
| <u> </u> | 21            | <u> </u> | _          |   |          | L   | Ш               |                 | _        | _        |           |                        | 71           |                 | Ш               | _        |         | _        | 1  |                | _      | L  | 121        | <u>ļ</u>                                  | $\sqcup \!\!\! \perp$ | Ц            | <u> </u>  |  |                     | _        | _        |
| <u> </u> | 22            |          | _          |   | _        | L   | Ш               |                 |          | _        |           |                        | 72           |                 | $\dashv$        | $\dashv$ | _       | $\bot$   | -  |                | -      | <u> </u>                                     | 122        | ╄   | igspace               |              | ↓         | _  |                     | _        | ᅬ        |
|          | 23            | <u> </u> | <u> </u>   |   | _        | <u> </u>  |                 | Ш               | $\dashv$ | _        |           |                        | 73           | _               |                 | 4        | _       | ┼        | ┦  |                | -4:::  | <u> </u>                                     | 123        | 1   | $\vdash$              |              | -         |  |                     | 4        | ᅵ        |
|          | 24            | _        |            |   |          | _   |                 | Н               | $\dashv$ | 4        |           |                        | 74           |                 |                 | +        | -       | ╀        | ₩  |                | - :::  | <u> </u>                                     | 124        | +   | $\vdash$              | +            | ┼         |  | $\vdash$            |          | ᅴ        |
|          | 25            | ļ        | <u> </u> _ |   |          |   | Н               |                 |          | $\dashv$ |           | $\vdash$               | 75           | -               |                 | +        | _       | +-       | ╀╌┤  | -              | -      | $\vdash$                                     | 125        | +   | $\vdash$              | +-           | ┼         |  | -                   | $\dashv$ | $\dashv$ |
|          | 26<br>27      | <u> </u> | _          |   | _        | _   | Н               | $\vdash$        | $\dashv$ | $\dashv$ |           |                        | 76<br>77     |                 |                 | -        |         | +-       | <del>  </del>                                    |                | - :::: | <u> </u>                                     | 126<br>127 | +   | -                     |              | ╁         | <del> </del>                                     | $\dashv$            | -        | -        |
|          | 28            | -        | $\vdash$   |   |          |   | Н               | $\vdash$        | $\dashv$ |          |           |                        | 78           | Н               | $\dashv$        | -+       |         |          | $\vdash$   | -              |        | ┝  | 128        | +   | ╁                     | +            | ╁         | <del> </del>                                     | -                   | $\dashv$ | $\dashv$ |
| -        | 29            |          | H          | - |          |   | Н               |                 | $\dashv$ | $\dashv$ |           |                        | 79           |                 |                 | +        | +       | +        | $\vdash$   |                | -      | -  | 129        | +   | -                     | +            | ╁         | $\vdash$   | $\dashv$            | ╅        | $\dashv$ |
|          | 30            |          | H          | _ | _        | _   | Н               | -               |          |          |           |                        | 80           | Н               | $\dashv$        | $\dashv$ |         | +        | $\vdash$   | $\dashv$       | -      | ├  | 130        |   |                       | +-           | ╁╌        | $\vdash$   | $\vdash$            | $\dashv$ | $\dashv$ |
| <b></b>  | 31            |          | -          |   |          |   | Н               | H               | $\dashv$ | $\dashv$ |           |                        | 81           |                 |                 | 十        | +       | +        | $\vdash$   | _              | -      | -  | 131        | T   |                       | +            | +         | $\vdash$   | $\dashv$            | $\dashv$ | -        |
|          | 32            |          | F          |   | $\vdash$ |   | Н               | $\vdash$        | $\neg$   | $\neg$   |           |                        | 82           | $\vdash$        | $\dashv$        | $\dashv$ | $\top$  | +        | $\vdash$   | $\dashv$       | 1      | $\vdash$                                     | 132        | +   | $\vdash$              | +            | $\dagger$ | $\vdash$   | $\vdash$            | $\dashv$ | ヿ        |
|          | 33            | $\vdash$ | $\vdash$   |   | _        |   | П               | $\vdash$        | _        | $\dashv$ |           |                        | 83           | П               | $\Box$          | $\dashv$ | +       | 1        | $\Box$   | $\dashv$       |        | $\vdash$                                     | 133        |   |                       | T            | T         |  | $\vdash$            | $\top$   | ᅦ        |
|          | 34            | _        |            |   |          | _   | М               | H               | 一        |          |           |                        | 84           | П               |                 | $\top$   | 1       | T        | $\vdash$   |                | 7      |  | 134        | T   |                       | ┰            | T         |  | $\Box$              | $\top$   | ╗        |
|          | 35            | Г        |            |   |          |   |                 | П               |          |          |           |                        | 85           | П               |                 | 1        | T       | 1        | П  | $\top$         | 1      |  | 135        |   |                       | 1            | T         |  | $\Box$              | $\top$   |          |
|          | 36            |          |            |   |          |   |                 |                 |          |          |           |                        | 86           |                 |                 | 丁        |         |          |  |                | ]:::   |  | 136        |   |                       |              |           |  |                     |          | ╗        |
|          | 37            |          |            |   |          |   |                 |                 | 一        |          |           |                        | 87           | П               |                 |          |         |          |  |                | ]      |  | 137        |   |                       |              |           |  |                     |          |          |
|          | 38            |          |            |   |          |   |                 |                 |          |          |           |                        | 88           |                 |                 |          | I       |          |  | $oxed{\Box}$   |        |  | 138        |   |                       | $oxed{\Box}$ |           |  |                     | $\Box$   |          |
|          | 39            |          |            |   |          |   |                 |                 |          |          |           |                        | 89           |                 |                 |          |         |          |  |                | ]:::   |  | 139        | Π   |                       |              |           |  | $\Box$              |          |          |
|          | 40            |          |            |   |          |   |                 |                 |          |          |           |                        | 90           |                 |                 |          |         |          | $oxed{\Box}$                                     | $\perp \Gamma$ | _[     |  | 140        |   |                       | $\perp$      | 匚         |  | $\Box$              |          |          |
|          | 41            |          |            |   |          |   |                 | Ш               |          |          |           |                        | 91           |                 |                 |          | L.      | L        | Ш  |                |        | <u> </u>                                     | 141        | $\perp$                                   |                       |              | 1         |  | Ц                   |          | Ц        |
| <u></u>  | 42            |          | L          |   | Ш        | $ldsymbol{ld}}}}}}$ | Ш               | Ш               |          |          |           |                        | 92           | Ш               | $\square$       | _ _      | $\perp$ | ļ        | $\sqcup$   |                | 4      | <u> </u>                                     | 142        |   | $\sqcup \!\!\! \perp$ | _            | <u> </u>  |  | $\sqcup$            |          | _        |
| <u></u>  | 43            | <u> </u> | <u> </u>   |   |          |   | Ш               | Ш               | _        |          |           | Щ                      | 93           | Ш               |                 |          | 4       | <u> </u> | $\sqcup$   | _ _            | 4      | <u> </u>                                     | 143        | _   | $\sqcup \bot$         | 1            | ↓_        | <u> </u>   | $\sqcup$            | $\perp$  | ᆚ        |
| <u> </u> | 44            | <u> </u> | _          |   | Ш        | <b> </b>  | $\vdash$        | $\sqcup$        | _        | _        |           | $oxed{oxed}$           | 94           | $\vdash \vdash$ | $\vdash \vdash$ | _        | +       | +-       | $\vdash$   | +              | 4      | $\vdash$                                     | 144        |   | $\vdash \vdash$       | +            | $\vdash$  | $\vdash$   | $\vdash \downarrow$ | -        | 닉        |
|          | 45            | ├-       | <b>-</b> - |   | Ш        | ļ   |                 | $\vdash \vdash$ | _        | _        |           | $\vdash \vdash \vdash$ | 95           | $\vdash \vdash$ | $\dashv$        | -        | 4       | +        | $\vdash$   | +              | -      | <u> </u>                                     | 145        | $\vdash$                                  |                       | +            | ╄         | <u> </u>   | $\vdash \vdash$     | +        | 4        |
| <u> </u> | 46            | <u> </u> | -          |   | $\vdash$ | <u> </u>  | $\vdash$        | $\vdash \dashv$ |          |          |           |                        | 96           | Н               |                 |          | +       | +-       | $\vdash$   | +              | - :::: | <u> </u>                                     | 146        | $\vdash$                                  | $\vdash \vdash$       | +            | ₩         | $\vdash$   | $\vdash \vdash$     | +        | 긕        |
| <u> </u> | 47            | ├-       | $\vdash$   | _ | $\vdash$ | $\vdash$  | $\vdash \vdash$ | $\vdash$        | -        | $\dashv$ |           |                        | 97<br>98     | $\vdash \vdash$ | $\dashv$        |          | +-      | +        | $\vdash \vdash$                                  |                | -      | <u> </u>                                     | 147        |   | $\vdash \vdash$       | +            | ╁         | <del>                                     </del> | $\vdash$            |          | ᅴ        |
| <b> </b> | 48<br>49      | -        | -          |   |          | -   | H               | $\vdash$        |          |          |           | ┝─┤                    | 99           | $\vdash$        | $\dashv$        | +        | +       | +        | ╁─┤  | +              | -      | -  | 148<br>149 | +-  | -                     | ╁            | ╁         | <del> </del>                                     | $\vdash$            | +        | ᅱ        |
| <b>—</b> | 50            | $\vdash$ | -          |   | $\vdash$ |   | $\vdash$        |                 |          |          |           |                        | 100          | $\vdash$        | $\vdash$        | +        | +       | +        | $\vdash$   |                | -      | ├─   | 150        | +   | $\vdash$              | +-           | ╁         | -  | $\vdash \vdash$     | +        | $\dashv$ |
| <u> </u> | JU_           |          |            |   |          |   | ш               | ш               |          |          | : : : : : | ш                      | 100          | ш               |                 | L        |         | 1        |  |                | J: ::  |  | 130        |   |                       | _L_          | 1         | Ц  | ш                   |          | ┙        |